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PATENT
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By Michelle Chan
Michelle Chan

10868 U.S. PTO
10/092068
03/05/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

H. GARRETT WADA et al.

Application No.: Unknown

Filed: Herewith

For: METHODS AND SYSTEMS FOR
MONITORING INTRACELLULAR
BINDING REACTIONS

Examiner: Unknown

Art Unit: Unknown

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR § 1.97
AND 1.98

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

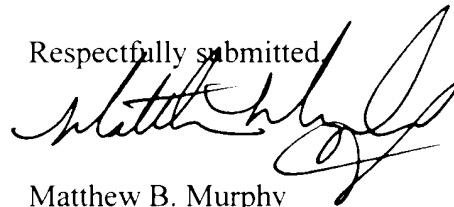
The references cited on the attached form PTO-1449 are being called to the attention of the Examiner. This application is a divisional of U.S. Patent Application No. 09/750,638 filed December 28, 2000. All references cited in the attached form 1449 have been previously cited in these applications. Copies of documents are therefore not being provided pursuant to 37 CFR §1.98(d). If copies of the references are not available to the Examiner, the Examiner is invited to contact the undersigned.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is made that a search has been conducted or that this statement encompasses all possible relevant information.

Applicants believe that no fee is required for submission of this statement, since it is being submitted within three months of the filing date or prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to charge such fee to Deposit Account No. 03-0177. Please charge any additional fees or credit any overpayment to the above-noted deposit account.

Respectfully submitted,



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MBM:mc

Substitute for form 1449A-B/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	Unknown
Filing Date	Her with
First Named Inventor	Wada
Group Art Unit	
Examiner Name	
Attorney Docket Number	100/08711



U.S. PATENT DOCUMENTS

Examiner Initials	Cite No	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
	AA	4,269,511		Erwin	05-26-1981	
	AB	4,299,486		Nogami et al.	11-10-1981	
	AC	4,345,027		Dolbeare	08-17-1982	
	AD	4,390,403		Batchelder	06-28-1983	
	AE	4,745,285		Recktenwald et al.	05-17-1998	
	AF	5,057,413		Terstappen et al.	10-15-1991	
	AG	5,166,052		Cercek et al.	11-24-1992	
	AH	5,225,326		Bresser et al.	07-06-1993	
	AI	5,278,048		Parce et al.	01-11-1994	
	AJ	5,302,349		Dandiliker et al.	04-12-1994	
	AK	5,304,487		Wilding et al.	04-19-1994	
	AL	5,395,503		Parce et al.	03-07-1995	
	AM	5,460,945		Springer et al.	10-24-1995	
	AN	5,496,697		Parce et al.	03-05-1996	
	AO	5,534,416		Millard et al.	07-09-1996	
	AP	5,626,134		Zuckerman	05-06-1997	
	AQ	5,637,469		Wilding et al.	06-10-1997	
	AR	5,660,991		Lakowicz et al.	08-26-1997	
	AS	5,726,026		Wilding et al.	03-10-1998	
	AT	5,744,366		Kricka et al.	04-28-1998	
	AU	5,804,436		Okun et al.	09-08-1998	
	AV	5,804,448		Wang et al.	09-08-1998	
	AW	5,843,640		Patterson et al.	12-01-1998	
	AX	5,928,868		Liu et al.	07-27-1999	
	AY	5,942,443		Parce et al.	08-24-1999	
	AZ	6,025,917		Toyonaga et al.	02-15-2000	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A-B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if Known	
	Application Number	Unknown
	Filing Date	Her with
	First Named Inventor	Wada
	Group Art Unit	
	Examiner Name	
	Attorney Docket Number	100/08711

BA	6,124,436	McClanahan	09-26-2000
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FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
	BB	WO	9615576		Sarnoff	05-23-1996		
	BC	WO	9702357		Affymetrix	01-23-1997		
	BD	WO	9800231		Caliper	01-08-1998		
	BE	WO	9800705		Caliper	01-08-1998		
	BF	WO	9805959		Axiom	02-12-1998		
	BG	WO	9858074		Allelix	12-23-1998		
	BH	WO	9964840		Caliper	12-16-1999		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T
	BI	ANDERSSON, P.E. et al., "Biological Cell Assays on an Electrokinetic Microchip" Transducers 97 1997 International Conference on Solid-State Sensors and Actuators, Chicago (June 16-19, 1997) pp. 1311-1314		
	BJ	BASS, D.A. et al., "Flow Cytometric Studies of Oxidative Product Formation by Neutrophils: A Graded Response to Membrane Stimulation" J. Immunol. (1983) 130(4):1910-1917		
	BK	BRUNK, K.D. et al., "Quantifying Folling Adhesion with a Cell-Free Assay: E-Selectin and its Carbohydrate Ligands" Biophysical Journal (1997) 72-2820-2833		
	BL	CHECKOVICH, W.J. et al., "Fluorescence polarization - a new tool for cell and molecular biology," Nature (1995) 375:254-256		
	BM	CRINO, P. et al., "Presence and phosphorylation of transcription factors in developing dendrites," Proc. Nat'l Acad. Sci., USA (1998) 95:2313-2318		
	BN	DANDILIKER, W.B. et al., "Fluorescence polarization in immunochemistry" Immunochem. (1970) 7:799-828		
	BO	DEROSSI, D. et al., "Trojan peptides: the penetratin system for intracellular delivery" Trends in Cell Biology (1998) 8:84-87		
	BP	KRICKA, L.J. Ligand Binder Assays (1985) New York: Marcel Dekker, Inc.		
	BQ	LAWRENCE, M.B. et al., "Neutrophils Roll on E-Selectin" J. Immunology (1993) 151(11):6338-6346		

Examiner Signature	Date Considered
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	First Named Inventor	Wada
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	Examiner Name	
	Attorney Docket Number	100/08711

BR	LI, P.C.H. et al., "Transport, Manipulation, and Reaction of Biological Cells On-Chip Using Electrokinetic Effects" <u>Anal. Chem.</u> (1997) 69:1564-1568	
BS	LUNDBLAD, J.R. et al., "Fluorescence Polarization Analysis of Protein-DNA and Protein-Protein Interactions," <u>Mol. Endocrinology</u> (1996) 10(6):607-612	
BT	Molecular Probes, <u>Handbook of Fluorescent Probes and Research Chemicals</u> , 6 th Edition (1996) pp. 32-33, 126-128, 219-225, 314-316, 377-398, 511, 552	
BU	Molecular Probes, <u>Bioprobes 25</u> (1997) "Fluorescent Stains for Live Cells" (From the Internet)	
BV	SALIMI-MOOSAVI, H. et al., "Biology Lab-on-a-chip for Drug Screening" <u>Solid State Sensor and Actuator Workshop</u> Hilton Head Island, South Carolina (June 8-11, 1998) pp. 350-353	
BW	THOMAS, C.A. et al., "Fluorometric Assessments of Acrosomal Integrity and Viability in Cryopreserved Bovine Spermatozoa" <u>Biology of Reproduction</u> (1997) 56:991-998	
BX	VIVES, E. et al., "A Truncated HIV-1 Tat Protein Basic Domain Rapidly Translocates Through the Plasma Membrane and Accumulates in the Cell Nucleus," <u>J. Biol Chem.</u> (1997) 272(25):16010-16017	

Examiner Signature		Date Considered	
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